

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: Bettina Steinmann; Alfred
Steinmann

) Attorney Docket No.: USA.353

Title: NANOPARTICLE-FILLED
STEREOLITHOGRAPHIC RESINS

) Express Mail Label No.: EU824529412US

Date Filed: August , 2003

) Customer No.: 022514

MS PATENT APPLICATION

U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Certificate Under 37 CFR §1.10

I hereby certify that this correspondence
is being deposited with the United
States Postal Service in an envelope as
"Express Mail Post Office to Addressee"
Mailing Label EU824529412US to:
U.S. Patent and Trademark Office
Arlington, VA 22202, on

August 19, 2003

Date of Deposit

Carolyn Cerrato

Name

Carolyn Cerrato

Signature

UTILITY PATENT APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of Inventor(s): Bettina Steinmann
and Alfred Steinmann

APPLICATION ELEMENTS

1. **Fee Transmittal Form.**
2. **Type of Application.**

This new application is for a(n) *(check one applicable item below)*:

☒ Original

☐ Divisional

☐ Continuation

☐ Continuation-in-part (CIP) of Prior Application No.:
Examiner: Group Art Unit:

03916 U.S. PTO
10/644299
08/19/03

3. Papers Enclosed Which Are Required For Filing Date Under 37 CFR 1.53(b).

- | | | |
|--|---------------|-----------|
| <input checked="" type="checkbox"/> Cover Page | Total Pages: | <u>1</u> |
| <input checked="" type="checkbox"/> Pages of Specification | Total Pages: | <u>33</u> |
| <input type="checkbox"/> Drawings - Informal | Total Sheets: | |
| <input checked="" type="checkbox"/> Oath or Declaration and Power of Attorney for Patent Application | | |
| <input checked="" type="checkbox"/> Newly executed (original or copy) | | <u>2</u> |
| <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) | | |

4. Additional Papers Enclosed.

- ☒ Verified Statement claiming Small Entity 2 pages
- ☒ Assignment Papers (cover sheet & document(s)) 4 pages
- ☒ Information Disclosure Statement (IDS)/PTO-1449 6 pages
Copies of IDS Citations
- ☒ Return Receipt Postcard (MPEP 503)

5. Inventorship.

The inventorship names and addresses for all the claims in this application are:

Bettina Steinmann, Impasse des Saules 26, 1724 Praroman, Switzerland

Alfred Steinmann, Impasse des Saules 26, 1724 Praroman, Switzerland

6. Language.

- ☒ English

Dated:

August 14, 2003



Ralph D'Alessandro
Reg. No. 28,838
Attorney for Applicants

3D Systems, Inc.
26081 Avenue Hall
Valencia, CA 91355
(661) 295-5600, ext. 2404

☒ Statement Where No Further Pages Added.

☒ This Transmittal Ends With This Page.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) \$613.00

Complete if Known

Application Number	To Be Determined
Filing Date	August , 2003
First Named Inventor	Bettina Steinmann
Examiner Name	To Be Determined
Group Art Unit	To Be Determined
Attorney Docket No.	USA. 353

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit
Account
Number

20-0900

Deposit
Account
Name

3D Systems, Inc.

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee
to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	375.00
1002	330	2002	165	Design filing	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$)

2. EXTRA CLAIM FEES FOR UTILITY AND

Extra Claims		Fee from below		Fee Paid
Total Claims				
42	-20** =	22	X 9.00 =	198.00
Independent Claims	2	-3** =	0	X =
Multiple Dependent				

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) \$198.00

**or number previously paid, if greater, For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non - English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR § 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Statement	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40.00
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) \$40.00

SUBMITTED BY

Name (Print/Type)	Ralph D'Alessandro	Registration No.	288,838	Telephone	661-295-5600 ext. 2404
Signature		(Attorney/Agent)		Date	8/19/03

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.